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TOWNSEND and TOWNSEND and CREW LLP

Attorney Docket No.: 021202-002200US Client Reference No.: QST-053US

OCT 0 9 2003
Technology Center 2100

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ghobad Heidari et al.

Application No.: 10/067,498

Filed: February 4, 2002

For: METHOD AND SYSTEM FOR IMPLEMENTING A SYSTEM ACQUISITION FUNCTION FOR USE WITH A COMMUNICATION DEVICE

Examiner:

Art Unit: 2183

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 RECEIVEU OCT 24 2003

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Horace H. Ng Reg. No. 39,315

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8<sup>th</sup> Floor San Francisco, California 94111-3834 Tel: 415-576-0200

Fax: 415-576-0300

HHN:jtc 60021816 v1

PTO/SB/08A (04-03) Approved for use through 04/30/2003. OMB 0651-0031

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|                              |                                   |        |          | Application Number     | 10/067,498               |  |
| INF                          | ORMATIC                           | on dis | CLOSURE  | Filing Date            | February 4, 2002         |  |
| STA                          | TEMEN                             | TBY A  | PPLICANT | First Named Inventor   | Heidari, Ghobad, et. al. |  |
|                              |                                   |        | •        | Art Unit               | 2183                     |  |
|                              | (use as many sheets as necessary) |        |          | Examiner Name          |                          |  |
| Page                         | 1                                 | of     | 2        | Attorney Docket Number | 021202-002200US          |  |

|          |              |  | U.S. PATENT D                  | OCUMENTS'  |   |
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| Examiner | Cite<br>No.1 | Document Number  Number Kind Code <sup>2</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Fassages or Relevant |
|          | AA           | US-6,259,725 B1  | 07-10-2001                     | Schilling  | rigures Appear  |
|          | AB           | US-2001/0048713 A1   | 12-06-2001                     | Medlock, et al.                                    |   |
|          | AC           | US-2001/0048714 A1   | 12-06-2001                     | Jha  |   |
|          | AD           | US-2001/0050948 A1   | 12-13-2001                     | Ramberg, et al.                                    |   |
|          | AE           | US-  |                                |  |   |
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| ·                     | FOREIGN PATENT DOCUMENTS |                           |                     |                                   |                                |                              |  |            |
|-----------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|------------------------------|--|------------|
|                       | <u> </u>                 | Foreign Patent Document   |                     |                                   | Name of Patentee or            | Pages, Columns, Lines,       |  |            |
| Examiner<br>Initials* | Cite<br>No.1             | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>6</sup> (ii known) | Publication Date<br>MM-DD-YYYY | Applicant of Cited  Document | Where Retevant Passages of Relevant Figures Appear | <b>1</b> 8 |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Name          |                          |  |  |  |
| Attorney Docket Number | 021202-002200US          |  |  |  |

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| Examiner Cite No.               |    | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |       |  |
|                                 | вс | BECKER, JURGEN, et al., "An Application-tailored Dynamically Reconfigurable Hardware Architecture for Digital Baseband Processing," IEEE Communications Magazine, 2000, pp. 341-348.  |       |  |
| -                               | BD | CUMMINGS, MARK, *FPGA in the Software Radio, *IEEE Communications Magazine, February 1999, pp. 108-112.   |       |  |
|                                 | BE |   |       |  |
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